

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/01999

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A47J39/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A47J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 102 256 A (JOHN RAYMOND ET AL) 25 July 1978 (1978-07-25) column 6, line 1 -column 7, line 30; figures 3,11-16 ----	1-5, 23-29
X	US 3 678 248 A (TRICAULT YVES P ET AL) 18 July 1972 (1972-07-18) column 2, line 31 -column 3, line 57; figure 1 ----	1
A	US 3 978 238 A (FREY IRWIN K ET AL) 31 August 1976 (1976-08-31) the whole document ----	1
A	US 6 150 635 A (HANNON TODD J ET AL) 21 November 2000 (2000-11-21) the whole document -----	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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8 document member of the same patent family

Date of the actual completion of the international search

30 September 2002

Date of mailing of the international search report

28/10/2002

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4102256	A	25-07-1978	NONE	
US 3678248	A	18-07-1972	NONE	
US 3978238	A	31-08-1976	CA 996170 A1 NL 7309860 A	31-08-1976 22-01-1974
US 6150635	A	21-11-2000	NONE	